UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

THIRD AMENDMENT
TO THE CLASSIFICATION AND
CORRELATION
OF THE SOILS OF
VERMILLION COUNTY, INDIANA
Decembers, 2001

ent No. 3

ndment results from the digitizing of Vermillion County for SSURGO digital dat
ent. The classifications have been updated to the Eighth Edition of Keys to Soi
y, 1998. Replace the existing classification table with the table below.

atures and Symbols Legend

Escarpment, bedrock	A relative continuous and steep slope or cliff pro by erosion or faulting breaking the general conti more gently sloping land surfaces. Exposed mat hard or soft bedrock
Escarpment, other	A relative continuous and steep slope or cliff pro by erosion, but can be produced by faulting breal continuity of more gently sloping land surfaces. nonbedrock material is nonsoil or very shallow, developed soil.
Gravel pit	An open excavation from which soil and underly material have been removed, and used without c

	water most of the year. Typically 0 to 1.4 acres
Rock outcrop	An exposure of bedrock at the surface of the eart used where the named soils of the surrounding m are shallow over bedrock. Typically 0 to 3 acres.
Sandy spot	Surface layer with sand content greater than 75 p areas where the surface layer of the named soils surrounding map unit have less than 25 percent s Typically 0 to 3 acres.
Severely eroded spot	An area where on the average 75 percent or more original surface layer has been lost from accelera erosion. Typically 0 to 3 acres.
Short, steep slope	Narrow soil area that has slopes that are at least 2 classes steeper than the slope class of the surrou map unit.
Spoil area	Piles of earthy materials either smoothed or unev resulting from human activity. Typically 0 to 3 ac
Wet spot	Somewhat poorly drained to very poorly drained least 2 drainage classes wetter than the named soi surrounding map unit. Typically 0 to 3 acres

FICATION OF THE SOILS OF VERMILLION COUNTY, INDIANA

	SOIL FAMILY (Keys to Soil Taxonomy, Eighth Edition, 1998)
	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
rg	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
	Coarse-loamy, mixed, active, mesic Typic Argiudolls
	Fine-silty, mixed, superactive, mesic Aerie Epiaqualfs
	Fine, smectitic, mesic Aquic Argiudolls
	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts

Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Sandy-skeletal, mixed, mesic Typic Hapludolls
Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
Loamy-skeletal, mixed, superactive, mesic Typic Argiudolls
Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquep
Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Fine-silty, mixed, superactive, mesic Aerie Endoaqualfs
Coarse-loamy, mixed, superactive, calcareous, mesic Typic Udifluvents
Fine-silty, mixed, superactive, mesic Typic Argiudolls
Fine-loamy, mixed, active, mesic Typic Argiudolls
Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
Fine-silty, mixed, superactive, mesic Aquic Hapludalfs

lassification of Orthents was not updated to include the cation-exchange activit
ns unchanged from the 1977 correlation. Additional field investigation will be r
y assign a cation-exchange activity class to these soils.

Signatures and Date

Chris Neely 12/13/01

NEELY Date
Scientist/MLRA Leader
is, Indiana

Jane E. Hardisty

JANE E. HARDISTY Date
State Conservationist
Indianapolis, Indiana